

**ABSTRACT**

The illustrative embodiment of the present invention is an atomizer, a method for atomization, and a system that includes an atomizer. In some embodiments, an atomizer in accordance with present invention operates at substantially higher efficiency than known atomizers. Furthermore, in some embodiments, the present atomizer is capable of operating at lower gas pressure and lower liquid pressure than most known atomizers, as is desirable for certain fire-suppression applications. Additionally, in some embodiments, the atomizer is configured with only three parts and is very easy to manufacture.